

ABSTRACT OF THE DISCLOSURE

Monolayer packages comprised of an oxygen scavenging composition suitable for direct contact with package contents and recycle with other polyester bottles are disclosed. The oxygen scavenging composition is comprised of a modified copolymer which is comprised of predominantly polyester segments and an oxygen scavenging amount of oxygen scavenging segments. The polyester segments comprise segments derived from typical bottling and packaging polyesters such as PET and PEN. Use of these oxygen scavenging copolymers in bottles provides a clear and rigid monolayer bottle similar in appearance to unmodified polyester bottles. In a series of preferred embodiments, bottles fabricated with the oxygen scavenging copolymers of this invention are over 99 wt % PET and contain less than 50 ppb of extractable components.

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